

Amendments to the Claims

1. (Currently Amended) A tilt controlling method comprising the steps of:

detecting a track of a focus error for maximizing an RF signal or minimizing

jitter when a focus is on;

detecting the maximum value and the minimum value of the focus error;

and

calculating a variation per track of the focus error by using the maximum and minimum values of the focus error to control the tilt using the variation.

2. (Original) The tilt controlling method according to claim 1, further comprising the step of calculating a variation per track of the maximum value and the minimum value of the focus error to detect a normalized DC component.

3. (Original) The tilt controlling method according to claim 2, wherein a tilt reference is varied as much as the variation per track to control the tilt.

4. (Canceled)

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jim